

Agricultural Waste Management

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.01 to 1.00. The larger the value, the greater the limitation. See text for further explanation of ratings in this table.)

Wayne County, Iowa

| Map symbol and soil name | Pct. of map unit | Application of manure and food- processing waste | | Application of sewage sludge | | Disposal of wastewater by irrigation | |
|-----------------------------|---------------------------|--|-------|---------------------------------------|-------|--|-------|
| | | Rating class and limiting features | Value | Rating class and limiting features | Value | Rating class and limiting features | Value |
| AaC: Adair----- | 100 | Very limited | | Very limited | | Very limited | |
| | | Restricted | 1.00 | Restricted | 1.00 | Restricted | 1.00 |
| | | permeability | | permeability | | permeability | |
| | | Depth to | 1.00 | Depth to | 1.00 | Depth to | 1.00 |
| | | saturated zone | | saturated zone | | saturated zone | |
| | | | | | | Too steep for | 0.91 |
| | | | | | | surface | |
| | | | | | | application | |
| | | | | | | Too steep for | 0.02 |
| | | | | | | sprinkler | |
| | | | | | | application | |
| AaC2: Adair----- | 100 | Very limited | | Very limited | | Very limited | |
| | | Restricted | 1.00 | Restricted | 1.00 | Restricted | 1.00 |
| | | permeability | | permeability | | permeability | |
| | | Depth to | 1.00 | Depth to | 1.00 | Depth to | 1.00 |
| | | saturated zone | | saturated zone | | saturated zone | |
| | | | | | | Too steep for | 0.91 |
| | | | | | | surface | |
| | | | | | | application | |
| | | | | | | Too steep for | 0.02 |
| | | | | | | sprinkler | |
| | | | | | | application | |
| AaD: Adair----- | 100 | Very limited | | Very limited | | Very limited | |
| | | Restricted | 1.00 | Restricted | 1.00 | Too steep for | 1.00 |
| | | permeability | | permeability | | surface | |
| | | Depth to | 1.00 | Depth to | 1.00 | application | |
| | | saturated zone | | saturated zone | | Restricted | 1.00 |
| | | Slope | 0.63 | Slope | 0.63 | permeability | 1.00 |
| | | | | | | Depth to | 1.00 |
| | | | | | | saturated zone | |
| | | | | | | Too steep for | 0.77 |
| | | | | | | sprinkler | |
| | | | | | | application | |
| AaD2: Adair----- | 100 | Very limited | | Very limited | | Very limited | |
| | | Restricted | 1.00 | Restricted | 1.00 | Too steep for | 1.00 |
| | | permeability | | permeability | | surface | |
| | | Depth to | 1.00 | Depth to | 1.00 | application | |
| | | saturated zone | | saturated zone | | Restricted | 1.00 |
| | | Slope | 0.63 | Slope | 0.63 | permeability | 1.00 |
| | | | | | | Depth to | 1.00 |
| | | | | | | saturated zone | |

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Wayne County, Iowa

| Map symbol and soil name | Pct. of map unit | Application of manure and food- processing waste | | Application of sewage sludge | | Disposal of wastewater by irrigation | |
|-----------------------------|---------------------------|---|------------------------------|---|------------------------------|--|-------|
| | | Rating class and limiting features | Value | Rating class and limiting features | Value | Rating class and limiting features | Value |
| AdC3: Adair----- | 100 | Very limited Restricted permeability Depth to saturated zone | 1.00 1.00 | Very limited Restricted permeability Depth to saturated zone | 1.00 1.00 | Too steep for sprinkler application | 0.77 |
| | | | | | | Very limited | |
| | | | | | | Restricted | 1.00 |
| | | | | | | permeability | |
| | | | | | | Depth to | 1.00 |
| AdD3: Adair----- | 100 | Very limited Restricted permeability Depth to saturated zone Slope | 1.00 1.00 0.63 | Very limited Restricted permeability Depth to saturated zone Slope | 1.00 1.00 0.63 | Too steep for surface application | 0.91 |
| | | | | | | Too steep for sprinkler application | 0.02 |
| | | | | | | Very limited | |
| | | | | | | Too steep for surface application | 1.00 |
| | | | | | | Restricted | 1.00 |
| AsD2: Adair----- | 55 | Very limited Restricted permeability Depth to saturated zone Slope | 1.00 1.00 0.63 | Very limited Restricted permeability Depth to saturated zone Slope | 1.00 1.00 0.63 | permeability | 1.00 |
| | | | | | | Depth to | 1.00 |
| | | | | | | Too steep for sprinkler application | 0.77 |
| | | | | | | Very limited | |
| | | | | | | Too steep for surface application | 1.00 |
| Shelby----- | 35 | Somewhat limited Slope | 0.63 | Somewhat limited Slope | 0.63 | Restricted | 1.00 |
| | | | | | | permeability | |
| | | | | | | Depth to | 1.00 |
| | | | | | | Too steep for sprinkler application | 0.77 |
| | | | | | | Very limited | |
| | | | | | | Too steep for surface application | 1.00 |

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Wayne County, Iowa

| Map symbol and soil name | Pct. of map unit | Application of manure and food- processing waste | | Application of sewage sludge | | Disposal of wastewater by irrigation | |
|-----------------------------|---------------------------|--|-------|---------------------------------------|-------|--|-------|
| | | Rating class and limiting features | Value | Rating class and limiting features | Value | Rating class and limiting features | Value |
| AsD3: Adair----- | 55 | Restricted permeability | 0.30 | Restricted permeability | 0.22 | Too steep for sprinkler application | 0.77 |
| | | Too acid | 0.02 | Too acid | 0.07 | Restricted permeability | 0.22 |
| | | | | | | Too acid | 0.07 |
| | | Very limited | | Very limited | | Very limited | |
| | | Restricted permeability | 1.00 | Restricted permeability | 1.00 | Too steep for surface application | 1.00 |
| | | Depth to saturated zone | 1.00 | Depth to saturated zone | 1.00 | Restricted permeability | 1.00 |
| | | Slope | 0.63 | Slope | 0.63 | Depth to saturated zone | 1.00 |
| | | | | | | Too steep for sprinkler application | 0.77 |
| | | | | | | | |
| | | | | | | | |
| Shelby----- | 35 | Somewhat limited Slope | 0.63 | Somewhat limited Slope | 0.63 | Very limited | |
| | | | | | | Too steep for surface application | 1.00 |
| | | Restricted permeability | 0.30 | Restricted permeability | 0.22 | Too steep for sprinkler application | 0.77 |
| | | Too acid | 0.02 | Too acid | 0.07 | Restricted permeability | 0.22 |
| | | | | | | Too acid | 0.07 |
| | | | | | | | |
| CaD2: Caleb----- | 100 | Somewhat limited Slope | 0.63 | Somewhat limited Slope | 0.63 | Very limited | |
| | | | | | | Too steep for surface application | 1.00 |
| | | Too acid | 0.08 | Too acid | 0.31 | Too steep for sprinkler application | 0.77 |
| CaE2: Caleb----- | 100 | | | | | Too acid | 0.31 |
| | | Very limited Slope | 1.00 | Very limited Slope | 1.00 | Very limited | |
| | | | | | | Too steep for surface application | 1.00 |

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Wayne County, Iowa

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|-----------------------------|---------------------------|--|-------|--|-------|---|--------------|
| | | Rating class and limiting features | Value | Rating class and limiting features | Value | Rating class and limiting features | Value |
| CbD3: Caleb----- | 100 | Too acid | 0.08 | Too acid | 0.31 | Too steep for sprinkler application Too acid | 1.00 0.31 |
| | | Somewhat limited Slope | 0.63 | Somewhat limited Slope | 0.63 | Very limited Too steep for surface application | 1.00 |
| | | Too acid | 0.08 | Too acid | 0.31 | Too steep for sprinkler application Too acid | 0.77 0.31 |
| CbE3: Caleb----- | 100 | Very limited Slope | 1.00 | Very limited Slope | 1.00 | Very limited Too steep for surface application | 1.00 |
| | | Too acid | 0.08 | Too acid | 0.31 | Too steep for sprinkler application Too acid | 1.00 0.31 |
| Ch: Chequest----- | 100 | Very limited Depth to saturated zone | 1.00 | Very limited Depth to saturated zone | 1.00 | Very limited Depth to saturated zone | 1.00 |
| | | Flooding | 0.60 | Flooding | 1.00 | Flooding | 0.60 |
| | | Restricted permeability | 0.30 | Restricted permeability | 0.22 | Restricted permeability | 0.22 |
| ClC: Clarinda----- | 100 | Very limited Restricted permeability | 1.00 | Very limited Restricted permeability | 1.00 | Very limited Restricted permeability | 1.00 |
| | | Depth to saturated zone | 1.00 | Depth to saturated zone | 1.00 | Depth to saturated zone | 1.00 |
| | | Runoff limitation | 0.40 | Too acid | 0.07 | Too steep for surface application | 0.91 |
| | | Too acid | 0.02 | | | Too acid Too steep for sprinkler application | 0.07 0.02 |

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|-----------------------------|---------------------------|--|--|---|----------------------------------|--|--|
| | | Rating class and limiting features | Value | Rating class and limiting features | Value | Rating class and limiting features | Value |
| ClC2: Clarinda----- | 100 | Very limited Restricted permeability Depth to saturated zone Runoff limitation Too acid | 1.00 1.00 0.40 0.02 | Very limited Restricted permeability Depth to saturated zone Too acid | 1.00 1.00 0.07 | Very limited Restricted permeability Depth to saturated zone Too steep for surface application Too acid Too steep for sprinkler application | 1.00 1.00 0.91 0.07 0.02 |
| ClD2: Clarinda----- | 100 | Very limited Restricted permeability Depth to saturated zone Slope Runoff limitation Too acid | 1.00 1.00 0.63 0.40 0.02 | Very limited Restricted permeability Depth to saturated zone Slope Too acid | 1.00 1.00 0.63 0.07 | Very limited Restricted permeability Too steep for surface application Depth to saturated zone Too steep for sprinkler application Too acid | 1.00 1.00 1.00 0.77 0.07 |
| CmC3: Clarinda----- | 100 | Very limited Restricted permeability Depth to saturated zone Runoff limitation Too acid Slope | 1.00 1.00 0.40 0.02 0.01 | Very limited Restricted permeability Depth to saturated zone Too acid Slope | 1.00 1.00 0.07 0.01 | Very limited Restricted permeability Depth to saturated zone Too steep for surface application Too steep for sprinkler application Too acid | 1.00 1.00 1.00 0.10 0.07 |
| Co: Colo----- | 100 | Very limited Depth to saturated zone Leaching limitation | 1.00 0.70 | Very limited Depth to saturated zone Flooding | 1.00 1.00 | Very limited Depth to saturated zone Flooding | 1.00 0.60 |

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|-----------------------------|---------------------------|--|-------|--|-------|---|--------------|
| | | Rating class and limiting features | Value | Rating class and limiting features | Value | Rating class and limiting features | Value |
| CoB: Colo----- | 100 | Flooding | 0.60 | | | | |
| | | Very limited Depth to saturated zone | 1.00 | Very limited Depth to saturated zone | 1.00 | Very limited Depth to saturated zone Too steep for surface application | 1.00 0.08 |
| | | | | | | | |
| Cz: Colo----- | 55 | Very limited Depth to saturated zone | 1.00 | Very limited Depth to saturated zone | 1.00 | Very limited Depth to saturated zone | 1.00 |
| | | Leaching limitation | 0.70 | Flooding | 1.00 | Flooding | 0.60 |
| | | Flooding | 0.60 | | | | |
| Zook----- | 35 | Very limited Restricted permeability | 1.00 | Very limited Depth to saturated zone | 1.00 | Very limited Depth to saturated zone | 1.00 |
| | | Depth to saturated zone | 1.00 | Flooding | 1.00 | Restricted permeability | 1.00 |
| | | Flooding | 0.60 | Restricted permeability | 1.00 | Flooding | 0.60 |
| | | Leaching limitation | 0.50 | | | | |
| Ed: Edina----- | 100 | Very limited Restricted permeability | 1.00 | Very limited Restricted permeability | 1.00 | Very limited Restricted permeability | 1.00 |
| | | Depth to saturated zone | 1.00 | Depth to saturated zone | 1.00 | Depth to saturated zone | 1.00 |
| | | Runoff limitation | 0.40 | Too acid | 0.07 | Too acid | 0.07 |
| | | Too acid | 0.02 | | | | |
| GaD2: Gara----- | 100 | Somewhat limited Slope | 0.63 | Somewhat limited Slope | 0.63 | Very limited Too steep for surface application | 1.00 |
| | | Restricted permeability | 0.30 | Restricted permeability | 0.22 | Too steep for sprinkler application | 0.77 |
| | | | | | | Restricted permeability | 0.22 |

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|-----------------------------|---------------------------|--|-------|---------------------------------------|-------|---|-------|
| | | Rating class and limiting features | Value | Rating class and limiting features | Value | Rating class and limiting features | Value |
| GaE: Gara----- | 100 | Very limited Slope | 1.00 | Very limited Slope | 1.00 | Very limited Too steep for surface application | 1.00 |
| | | Restricted permeability | 0.30 | Restricted permeability | 0.22 | Too steep for sprinkler application | 1.00 |
| | | | | | | Restricted permeability | 0.22 |
| GaE2: Gara----- | 100 | Very limited Slope | 1.00 | Very limited Slope | 1.00 | Very limited Too steep for surface application | 1.00 |
| | | Restricted permeability | 0.30 | Restricted permeability | 0.22 | Too steep for sprinkler application | 1.00 |
| | | | | | | Restricted permeability | 0.22 |
| GaF: Gara----- | 100 | Very limited Slope | 1.00 | Very limited Slope | 1.00 | Very limited Too steep for surface application | 1.00 |
| | | Restricted permeability | 0.30 | Restricted permeability | 0.22 | Too steep for sprinkler application | 1.00 |
| | | | | | | Restricted permeability | 0.22 |
| GaF2: Gara----- | 100 | Very limited Slope | 1.00 | Very limited Slope | 1.00 | Very limited Too steep for surface application | 1.00 |
| | | Restricted permeability | 0.30 | Restricted permeability | 0.22 | Too steep for sprinkler application | 1.00 |
| | | | | | | Restricted permeability | 0.22 |
| GrE3: Gara----- | 100 | Very limited | | Very limited | | Very limited | |

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| Map symbol and soil name | Pct. of map unit | Application of manure and food- processing waste | | Application of sewage sludge | | Disposal of wastewater by irrigation | |
|-----------------------------|---------------------------|--|--------------|--|--------------|--|------------------------------|
| | | Rating class and limiting features | Value | Rating class and limiting features | Value | Rating class and limiting features | Value |
| GuB: Grundy----- | 100 | Slope | 1.00 | Slope | 1.00 | Too steep for surface application | 1.00 |
| | | Restricted permeability | 0.30 | Restricted permeability | 0.22 | Too steep for sprinkler application | 1.00 |
| | | | | | | Restricted permeability | 0.22 |
| | | Very limited Restricted permeability Depth to saturated zone | 1.00 0.95 | Very limited Restricted permeability Depth to saturated zone | 1.00 0.95 | Very limited Restricted permeability Depth to saturated zone Too steep for surface application | 1.00 0.95 0.08 |
| GuC: Grundy----- | 100 | Very limited Restricted permeability Depth to saturated zone | 1.00 0.95 | Very limited Restricted permeability Depth to saturated zone | 1.00 0.95 | Very limited Restricted permeability Depth to saturated zone Too steep for surface application Too steep for sprinkler application | 1.00 0.95 0.91 0.02 |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| GuC2: Grundy----- | 100 | Very limited Restricted permeability Depth to saturated zone | 1.00 0.95 | Very limited Restricted permeability Depth to saturated zone | 1.00 0.95 | Very limited Restricted permeability Depth to saturated zone Too steep for surface application Too steep for sprinkler application | 1.00 0.95 0.91 0.02 |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| Ha: Haig----- | 100 | Very limited | | Very limited | | Very limited | |

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|-----------------------------|---------------------------|--|-------|---------------------------------------|-------|--|-------|
| | | Rating class and limiting features | Value | Rating class and limiting features | Value | Rating class and limiting features | Value |
| Hu: Humeston----- | 100 | Restricted permeability | 1.00 | Depth to saturated zone | 1.00 | Depth to saturated zone | 1.00 |
| | | Depth to saturated zone | 1.00 | Restricted permeability | 1.00 | Restricted permeability | 1.00 |
| | | Leaching limitation | 0.50 | | | | |
| | | Very limited | | Very limited | | Very limited | |
| | | Restricted permeability | 1.00 | Restricted permeability | 1.00 | Restricted permeability | 1.00 |
| | | Depth to saturated zone | 1.00 | Depth to saturated zone | 1.00 | Depth to saturated zone | 1.00 |
| | | Flooding | 0.60 | Flooding | 1.00 | Flooding | 0.60 |
| | | Leaching limitation | 0.50 | Too acid | 0.07 | Too acid | 0.07 |
| | | Too acid | 0.02 | | | | |
| | | | | | | | |
| HuB: Humeston----- | 100 | Very limited | | Very limited | | Very limited | |
| | | Restricted permeability | 1.00 | Restricted permeability | 1.00 | Restricted permeability | 1.00 |
| | | Depth to saturated zone | 1.00 | Depth to saturated zone | 1.00 | Depth to saturated zone | 1.00 |
| | | Flooding | 0.60 | Flooding | 1.00 | Flooding | 0.60 |
| | | Leaching limitation | 0.50 | Too acid | 0.07 | Too steep for surface application | 0.08 |
| | | Too acid | 0.02 | | | Too acid | 0.07 |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| KnB: Kniffin----- | 100 | Very limited | | Very limited | | Very limited | |
| | | Restricted permeability | 1.00 | Restricted permeability | 1.00 | Restricted permeability | 1.00 |
| | | Depth to saturated zone | 0.43 | Depth to saturated zone | 0.43 | Depth to saturated zone | 0.43 |
| | | Too acid | 0.08 | Too acid | 0.31 | Too acid | 0.31 |
| | | | | | | Too steep for surface application | 0.08 |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| KnC: Kniffin----- | 100 | Very limited | | Very limited | | Very limited | |
| | | Restricted permeability | 1.00 | Restricted permeability | 1.00 | Restricted permeability | 1.00 |
| | | Depth to saturated zone | 0.43 | Depth to saturated zone | 0.43 | Too steep for surface application | 0.91 |
| | | | | | | | |
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|-----------------------------|---------------------------|--|-------|---------------------------------------|-------|--|-------|
| | | Rating class and limiting features | Value | Rating class and limiting features | Value | Rating class and limiting features | Value |
| KnC2: Kniffin----- | 100 | Too acid | 0.08 | Too acid | 0.31 | Depth to saturated zone | 0.43 |
| | | | | | | Too acid | 0.31 |
| | | | | | | Too steep for sprinkler application | 0.02 |
| | | | | | | | |
| LaC2: Lamoni----- | 100 | Very limited | | Very limited | | Very limited | |
| | | Restricted | 1.00 | Restricted | 1.00 | Restricted | 1.00 |
| | | permeability | | permeability | | permeability | |
| | | Depth to | 0.43 | Depth to | 0.43 | Too steep for surface application | 0.91 |
| LaD2: Lamoni----- | 100 | saturated zone | | saturated zone | | Depth to | |
| | | Too acid | 0.08 | Too acid | 0.31 | saturated zone | 0.43 |
| | | | | | | Too acid | 0.31 |
| | | | | | | Too steep for sprinkler application | 0.02 |
| LaD2: Lamoni----- | 100 | Very limited | | Very limited | | Very limited | |
| | | Restricted | 1.00 | Restricted | 1.00 | Restricted | 1.00 |
| | | permeability | | permeability | | permeability | |
| | | Depth to | 1.00 | Depth to | 1.00 | Depth to | 1.00 |
| LaD2: Lamoni----- | 100 | saturated zone | | saturated zone | | saturated zone | |
| | | Too acid | 0.01 | Too acid | 0.01 | Too steep for surface application | 0.91 |
| | | | | | | Too steep for sprinkler application | 0.02 |
| | | | | | | Too acid | 0.01 |
| LaD2: Lamoni----- | 100 | Very limited | | Very limited | | Very limited | |
| | | Restricted | 1.00 | Restricted | 1.00 | Too steep for surface application | 1.00 |
| | | permeability | | permeability | | Restricted | 1.00 |
| | | Depth to | 1.00 | Depth to | 1.00 | permeability | |
| LaD2: Lamoni----- | 100 | saturated zone | | saturated zone | | Depth to | 1.00 |
| | | Slope | 0.63 | Slope | 0.63 | saturated zone | |
| | | Too acid | 0.01 | Too acid | 0.01 | Too steep for sprinkler application | 0.77 |
| | | | | | | | |

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|-----------------------------|---------------------------|--|-------|--|-------|---|-------|
| | | Rating class and limiting features | Value | Rating class and limiting features | Value | Rating class and limiting features | Value |
| LmD3: Lamoni----- | 100 | | | | | Too acid | 0.01 |
| | | Very limited Restricted permeability | 1.00 | Very limited Restricted permeability | 1.00 | Very limited Too steep for surface application | 1.00 |
| | | Depth to saturated zone | 1.00 | Depth to saturated zone | 1.00 | Restricted permeability | 1.00 |
| | | Slope | 0.63 | Slope | 0.63 | Depth to saturated zone | 1.00 |
| | | Too acid | 0.01 | Too acid | 0.01 | Too steep for sprinkler application | 0.77 |
| Ln: Lawson----- | 55 | | | | | Too acid | 0.01 |
| | | Very limited Depth to saturated zone | 1.00 | Very limited Flooding | 1.00 | Very limited Depth to saturated zone | 1.00 |
| | | Flooding | 0.60 | Depth to saturated zone | 1.00 | Flooding | 0.60 |
| Nodaway----- | 35 | Somewhat limited Flooding | 0.60 | Very limited Flooding | 1.00 | Somewhat limited Flooding | 0.60 |
| LoF2: Lindley----- | 100 | Very limited Slope | 1.00 | Very limited Slope | 1.00 | Very limited Too steep for surface application | 1.00 |
| | | Restricted permeability | 0.30 | Too acid | 0.31 | Too steep for sprinkler application | 1.00 |
| | | Too acid | 0.08 | Restricted permeability | 0.22 | Too acid | 0.31 |
| | | | | | | Restricted permeability | 0.22 |
| LvC: Lineville----- | 100 | Very limited Restricted permeability | 1.00 | Very limited Restricted permeability | 1.00 | Very limited Restricted permeability | 1.00 |
| | | Depth to dense layer | 1.00 | Depth to saturated zone | 1.00 | Depth to saturated zone | 1.00 |
| | | Depth to saturated zone | 1.00 | | | Too steep for surface application | 0.91 |
| | | | | | | | |

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|-----------------------------|---------------------------|---|-------|--|-------|--|-------|
| | | Rating class and limiting features | Value | Rating class and limiting features | Value | Rating class and limiting features | Value |
| LvC2: Lineville----- | 100 | Very limited Restricted permeability Depth to dense layer Depth to saturated zone | 1.00 | Very limited Restricted permeability Depth to saturated zone | 1.00 | Too steep for sprinkler application | 0.02 |
| | | | | | | Very limited | |
| | | | | | | Restricted | 1.00 |
| | | | | | | permeability | |
| | | | | | | Depth to saturated zone | 1.00 |
| MyC2: Mystic----- | 100 | Very limited Restricted permeability Too acid | 1.00 | Very limited Restricted permeability Too acid | 1.00 | Too steep for surface application | 0.91 |
| | | | | | | Too steep for sprinkler application | 0.02 |
| | | | | | | Very limited | |
| | | | | | | Restricted | 1.00 |
| | | | | | | permeability | |
| OmB: Olmitz----- | 100 | Not limited | | Not limited | | Too steep for surface application | 0.91 |
| | | | | | | Too acid | 0.31 |
| | | | | | | Too steep for sprinkler application | 0.02 |
| | | | | | | Somewhat limited | |
| | | | | | | Too steep for surface application | 0.08 |
| OvB: Olmitz----- | 35 | Not limited | | Not limited | | Somewhat limited | |
| | | | | | | Too steep for surface application | 0.08 |
| | | | | | | Very limited | |
| | | | | | | Depth to saturated zone | 1.00 |
| | | | | | | Flooding | 0.60 |
| Vesser----- | 30 | Very limited Depth to saturated zone Flooding | 1.00 | Very limited Flooding Depth to saturated zone | 1.00 | Very limited | |
| | | | | | | Depth to saturated zone | 1.00 |
| | | | | | | Flooding | 0.60 |
| | | | | | | | |
| | | | | | | | |

Agricultural Waste Management

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.01 to 1.00. The larger the value, the greater the limitation. See text for further explanation of ratings in this table.)

Wayne County, Iowa

| Map symbol and soil name | Pct. of map unit | Application of manure and food- processing waste | | Application of sewage sludge | | Disposal of wastewater by irrigation | |
|-----------------------------|---------------------------|--|----------------------|--|----------------------|---|----------------------|
| | | Rating class and limiting features | Value | Rating class and limiting features | Value | Rating class and limiting features | Value |
| Colo----- | 25 | Very limited Depth to saturated zone | 1.00 | Very limited Depth to saturated zone | 1.00 | Too steep for surface application | 0.08 |
| | | | | | | Very limited Depth to saturated zone | 1.00 |
| | | | | | | Too steep for surface application | 0.08 |
| PeC: Pershing----- | 100 | Very limited Restricted permeability Depth to saturated zone Too acid | 1.00 0.43 0.08 | Very limited Restricted permeability Depth to saturated zone Too acid | 1.00 0.43 0.31 | Very limited | |
| | | | | | | Restricted permeability | 1.00 |
| | | | | | | Too steep for surface application | 0.91 |
| | | | | | | Depth to saturated zone Too acid Too steep for sprinkler application | 0.43 0.31 0.02 |
| PeC2: Pershing----- | 100 | Very limited Restricted permeability Depth to saturated zone Too acid | 1.00 0.43 0.08 | Very limited Restricted permeability Depth to saturated zone Too acid | 1.00 0.43 0.31 | Very limited | |
| | | | | | | Restricted permeability | 1.00 |
| | | | | | | Too steep for surface application | 0.91 |
| | | | | | | Depth to saturated zone Too acid Too steep for sprinkler application | 0.43 0.31 0.02 |
| PhB: Pershing----- | 100 | Very limited Restricted permeability Depth to saturated zone Too acid | 1.00 0.43 0.08 | Very limited Restricted permeability Depth to saturated zone Too acid | 1.00 0.43 0.31 | Very limited | |
| | | | | | | Restricted permeability | 1.00 |
| | | | | | | Depth to saturated zone | 0.43 |
| | | | | | | Too acid | 0.31 |

Agricultural Waste Management

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Wayne County, Iowa

| Map symbol and soil name | Pct. of map unit | Application of manure and food- processing waste | | Application of sewage sludge | | Disposal of wastewater by irrigation | |
|-----------------------------|---------------------------|--|-------|---------------------------------------|-------|--|-------|
| | | Rating class and limiting features | Value | Rating class and limiting features | Value | Rating class and limiting features | Value |
| PhC2: Pershing----- | 100 | Very limited | | Very limited | | Too steep for surface application | 0.08 |
| | | Restricted | 1.00 | Restricted | 1.00 | Very limited | |
| | | permeability | | permeability | | Restricted | 1.00 |
| | | Depth to saturated zone | 0.43 | Depth to saturated zone | 0.43 | Too steep for surface application | 0.91 |
| RaC: Rathbun----- | 100 | Too acid | 0.08 | Too acid | 0.31 | Depth to saturated zone | 0.43 |
| | | | | | | Too acid | 0.31 |
| | | | | | | Too steep for sprinkler application | 0.02 |
| | | | | | | | |
| RaC2: Rathbun----- | 100 | Very limited | | Very limited | | Very limited | |
| | | Restricted | 1.00 | Restricted | 1.00 | Restricted | 1.00 |
| | | permeability | | permeability | | permeability | |
| | | Depth to saturated zone | 0.43 | Depth to saturated zone | 0.43 | Too steep for surface application | 0.91 |
| RaC2: Rathbun----- | 100 | Too acid | 0.08 | Too acid | 0.31 | Depth to saturated zone | 0.43 |
| | | | | | | Too acid | 0.31 |
| | | | | | | Too steep for sprinkler application | 0.02 |
| | | | | | | | |
| SeB: Seymour----- | 100 | Very limited | | Very limited | | Very limited | |

Agricultural Waste Management

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.01 to 1.00. The larger the value, the greater the limitation. See text for further explanation of ratings in this table.)

Wayne County, Iowa

| Map symbol and soil name | Pct. of map unit | Application of manure and food- processing waste | | Application of sewage sludge | | Disposal of wastewater by irrigation | |
|-----------------------------|---------------------------|--|-------|--|-------|--|-------|
| | | Rating class and limiting features | Value | Rating class and limiting features | Value | Rating class and limiting features | Value |
| SfC: Seymour----- | 100 | Restricted permeability Depth to saturated zone | 1.00 | Restricted permeability Depth to saturated zone | 1.00 | Restricted permeability Depth to saturated zone Too steep for surface application | 1.00 |
| | | | 0.43 | | 0.43 | | 0.43 |
| | | | | | | | 0.08 |
| SfC2: Seymour----- | 100 | Very limited Restricted permeability Depth to saturated zone | 1.00 | Very limited Restricted permeability Depth to saturated zone | 1.00 | Very limited Restricted permeability Too steep for surface application Depth to saturated zone Too steep for sprinkler application | 1.00 |
| | | | 0.43 | | 0.43 | | 0.91 |
| | | | | | | | 0.43 |
| SfC2: Seymour----- | 100 | Very limited Restricted permeability Depth to saturated zone | 1.00 | Very limited Restricted permeability Depth to saturated zone | 1.00 | Very limited Restricted permeability Too steep for surface application Depth to saturated zone Too steep for sprinkler application | 1.00 |
| | | | 0.43 | | 0.43 | | 0.91 |
| | | | | | | | 0.43 |
| ShD: Shelby----- | 100 | Somewhat limited Slope | 0.63 | Somewhat limited Slope | 0.63 | Very limited Too steep for surface application Too steep for sprinkler application | 1.00 |
| | | | 0.30 | | 0.22 | | 0.77 |
| | | | 0.02 | | 0.07 | | 0.22 |
| ShD2: Shelby----- | 100 | Somewhat limited | | Somewhat limited | | Restricted permeability Too acid | 0.07 |
| | | | | | | | |
| | | | | | | | |

Agricultural Waste Management

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.01 to 1.00. The larger the value, the greater the limitation. See text for further explanation of ratings in this table.)

Wayne County, Iowa

| Map symbol and soil name | Pct. of map unit | Application of manure and food- processing waste | | Application of sewage sludge | | Disposal of wastewater by irrigation | |
|-----------------------------|---------------------------|--|-------|---------------------------------------|-------|---|-------|
| | | Rating class and limiting features | Value | Rating class and limiting features | Value | Rating class and limiting features | Value |
| ShE: Shelby----- | 100 | Slope | 0.63 | Slope | 0.63 | Too steep for surface application | 1.00 |
| | | Restricted permeability | 0.30 | Restricted permeability | 0.22 | Too steep for sprinkler application | 0.77 |
| | | Too acid | 0.02 | Too acid | 0.07 | Restricted permeability Too acid | 0.22 |
| | | | | | | | 0.07 |
| | | Very limited Slope | 1.00 | Very limited Slope | 1.00 | Very limited Too steep for surface application | 1.00 |
| | | Restricted permeability | 0.30 | Restricted permeability | 0.22 | Too steep for sprinkler application | 1.00 |
| | | Too acid | 0.02 | Too acid | 0.07 | Restricted permeability Too acid | 0.22 |
| | | | | | | | 0.07 |
| | | | | | | | |
| ShE2: Shelby----- | 100 | Slope | 1.00 | Very limited Slope | 1.00 | Very limited Too steep for surface application | 1.00 |
| | | Restricted permeability | 0.30 | Restricted permeability | 0.22 | Too steep for sprinkler application | 1.00 |
| | | Too acid | 0.02 | Too acid | 0.07 | Restricted permeability Too acid | 0.22 |
| | | | | | | | 0.07 |
| | | Very limited Slope | 1.00 | Very limited Slope | 1.00 | Very limited Too steep for surface application | 1.00 |
| | | Restricted permeability | 0.30 | Restricted permeability | 0.22 | Too steep for sprinkler application | 1.00 |
| | | Too acid | 0.02 | Too acid | 0.07 | Restricted permeability Too acid | 0.22 |
| | | | | | | | 0.07 |
| | | | | | | | |
| ShF2: Shelby----- | 100 | Slope | 1.00 | Very limited Slope | 1.00 | Very limited Too steep for surface application | 1.00 |
| | | Restricted permeability | 0.30 | Restricted permeability | 0.22 | Too steep for sprinkler application | 1.00 |
| | | Too acid | 0.02 | Too acid | 0.07 | Restricted permeability Too acid | 0.22 |
| | | | | | | | 0.07 |
| | | Very limited Slope | 1.00 | Very limited Slope | 1.00 | Very limited Too steep for surface application | 1.00 |
| | | Restricted permeability | 0.30 | Restricted permeability | 0.22 | Too steep for sprinkler application | 1.00 |
| | | Too acid | 0.02 | Too acid | 0.07 | Restricted permeability Too acid | 0.22 |
| | | | | | | | 0.07 |
| | | | | | | | |
| SoD3: Shelby----- | 100 | Somewhat limited | | Somewhat limited | | Very limited | |
| | | | | | | | |

Agricultural Waste Management

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Wayne County, Iowa

| Map symbol and soil name | Pct. of map unit | Application of manure and food- processing waste | | Application of sewage sludge | | Disposal of wastewater by irrigation | |
|-----------------------------|---------------------------|--|-------|---------------------------------------|-------|--|-------|
| | | Rating class and limiting features | Value | Rating class and limiting features | Value | Rating class and limiting features | Value |
| SoE3: Shelby----- | 100 | Slope | 0.63 | Slope | 0.63 | Too steep for surface application | 1.00 |
| | | Restricted permeability | 0.30 | Restricted permeability | 0.22 | Too steep for sprinkler application | 0.77 |
| | | Too acid | 0.02 | Too acid | 0.07 | Restricted permeability | 0.22 |
| | | | | | | Too acid | 0.07 |
| | | Very limited Slope | 1.00 | Very limited Slope | 1.00 | Very limited | |
| | | | | | | Too steep for surface application | 1.00 |
| | | Restricted permeability | 0.30 | Restricted permeability | 0.22 | Too steep for sprinkler application | 1.00 |
| | | Too acid | 0.02 | Too acid | 0.07 | Restricted permeability | 0.22 |
| | | | | | | Too acid | 0.07 |
| | | Very limited Depth to saturated zone | 1.00 | Very limited Flooding | 1.00 | Very limited Depth to saturated zone | 1.00 |
| | | Flooding | 0.60 | Depth to saturated zone | 1.00 | Flooding | 0.60 |
| | | | | | | | |
| Ve: Vesser----- | 95 | | | | | | |
| | | Very limited Depth to saturated zone | 1.00 | Very limited Flooding | 1.00 | Very limited Depth to saturated zone | 1.00 |
| | | Flooding | 0.60 | Depth to saturated zone | 1.00 | Flooding | 0.60 |
| | | | | | | | |
| VeB: Vesser----- | 95 | | | | | | |
| | | Very limited Depth to saturated zone | 1.00 | Very limited Flooding | 1.00 | Very limited Depth to saturated zone | 1.00 |
| | | Flooding | 0.60 | Depth to saturated zone | 1.00 | Flooding | 0.60 |
| | | | | | | Too steep for surface application | 0.08 |
| W: Water----- | 100 | Not rated | | Not rated | | Not rated | |
| | | | | | | | |
| Wa: Wabash----- | 95 | Very limited | | Very limited | | Very limited | |
| | | | | | | | |

Agricultural Waste Management

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Wayne County, Iowa

| Map symbol and soil name | Pct. of map unit | Application of manure and food- processing waste | | Application of sewage sludge | | Disposal of wastewater by irrigation | |
|-----------------------------|---------------------------|--|-------|---------------------------------------|-------|--|-------|
| | | Rating class and limiting features | Value | Rating class and limiting features | Value | Rating class and limiting features | Value |
| Zo: Zook----- | 100 | Restricted permeability | 1.00 | Restricted permeability | 1.00 | Restricted permeability | 1.00 |
| | | Depth to saturated zone | 1.00 | Depth to saturated zone | 1.00 | Depth to saturated zone | 1.00 |
| | | Flooding | 0.60 | Flooding | 1.00 | Flooding | 0.60 |
| | | Runoff limitation | 0.40 | | | | |
| | | Very limited | | Very limited | | Very limited | |
| | | Restricted permeability | 1.00 | Depth to saturated zone | 1.00 | Depth to saturated zone | 1.00 |
| | | Depth to saturated zone | 1.00 | Flooding | 1.00 | Restricted permeability | 1.00 |
| | | Flooding | 0.60 | Restricted permeability | 1.00 | Flooding | 0.60 |